

Notice of Allowability	Application No.	Applicant(s)	
	09/756,575	SMITH, EDWIN DEREK	
	Examiner	Art Unit	
	KIEU-OANH T BUI	2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☒ The drawings filed on 08 January 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-16 are allowed.

Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance:

The closest prior art issued to Tsuji et al. and Bettinardi (PTO 849 attached) fails to either alone or combine to teach a method for transmitting an image or a first subset of data from a remote server to a portable device, i.e., a personal digital assistant (PDA), after the first subset of data is transmitted to the portable device, and based on a user's selection of the mobile device, a request is then sending back to the remote server from the user for a second subset of data as a portion of the first subset of data, wherein the second subset data is for expanding (closer view) the portion of the first image from the first subset of data, and the request needs to be processed by the remote server and then the requested portion of subset data is transmitted to the user for displaying on the portable device as cited in claim 1 and 7; in addition, with the use of a cache within the portable device for storing the additional data representative of portions immediately surrounding the borders of the graphic image, also for panning the display of a new version of the displayed image in a direction, and the user requests for having the new additional data as panning in that direction, the request additional data for portions immediately surrounding the borders of the new version of the graphic image is transmitted to the portable device as cited in claim 13; and with the requirement that the second resolution for second sets of data as

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thumbnail images are lower in resolution than the first set of graphic images as in claim 15; and both thumbnail and graphic images are transmitted to the portable device and stored in a memory of the portable device, and the magnification of thumbnails to larger magnification images from the stored images as cited in claim 16.

Tsuji teaches a portable device that can receive images and data from the server system, and the zooming feature is provided for a close-up view of data and images (Figs. 21A-21C); however, this refers to a normal zooming to a fixed frame or a fixed portion of data, and there is lacking a step of requesting the remote server for sending a second subset of data on the display screen which can be picked or selected by the user/viewer at or on any portion of the display screen as taught by the present invention as well as for providing any additional data related to the immediate surrounding borders of the image or data as the user is panning the selected portion of the display screen to a (any) direction and the panned section is processed and transmitted by the remote server to the portable user right afterward. Meanwhile, Bettinardi teaches a panning and zooming device which helps the low vision people can read easily for small data and images, yet this device is not a portable device which communicates with a remote server for requesting and transmitting images and data as required by the present invention, lacking the communication between the device and the remote server system (see Figs. 1-3 of Bettinardi). The structure of invention is totally different.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Courtney (US patent 6,385,772 B1), Harris et al (US patent 6,009,336), Nieminen (US patent 6,526,293 B1), Sassi (US Patent 6,487,396 B1), and Erdelyi (US patent 6,631,522 B10 discloses systems related to portable devices with different approaches for zooming features.

4. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9306, (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Krista Kieu-Oanh Bui whose telephone number is (703) 305-0095. The examiner can normally be reached on Monday-Friday from 9:00 AM to 6:30 PM, with alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Grant, can be reached on (703) 305-4755.

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Any inquiry of a general nature or relating to the status of this application or proceeding
should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Krista Bui
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February 3, 2005

A handwritten signature in black ink, appearing to read 'Krista Bui', with a long horizontal flourish extending to the right.

KRISTA BUI
PATENT EXAMINER